

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Wayne Dalton a Div. of Overhead Door Corporation 3395 Addison Drive Pensacola, FL 32514

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ). This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Code 2340 Insulated Steel Sectional Garage Door up to 16'-2" Wide x 8'-0" High with Optional Impact Resistant Glazing

APPROVAL DOCUMENT: Drawing No. 353187, titled "Windload Specification Option Code 2340", sheets 1 through 7 of 7, dated 04/09/2014, prepared by Overhead Door Corporation, signed and sealed by Mark A. Sawicki, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing addresses in Pensacola, FL or Mt. Hope, OH, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

LIMITATION: This door has not been tested for air infiltration.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrcra, P.E.

MIAMI-DADE COUNTY
APPROVED

11/24/2014

NOA No. 14-0204.10 Expiration Date: December 4, 2019 Approval Date: December 4, 2014 Page 1

NOTICE OF ACCEPTANCE: __EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **353187**, titled "Windload Specification Option Code 2340", sheets 1 through 7 of 7, dated 04/09/2014, prepared by Overhead Door Corporation, signed and sealed by Mark A. Sawicki, P.E.

B. TESTS

- 1. Addendum letter to Architectural Testing's test report # C9365.01-801-18, dated 07/07/2014, signed and sealed by Vinu J. Abraham, P.E.
- 2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC, TAS 202-94
 - 5) Tensile Test per ASTM E8

along with marked-up drawings and installation diagram of Series 8300, Option Code 2244 (2340), 16'2"x 8' Sectional Garage Doors, prepared by Architectural Testing, Inc., Test Report No. **C9365.01-801-18**, dated 09/17/2013, with revision 1 dated 10/10/2013, signed and sealed by Vinu J. Abraham, P.E.

3. Test report on Salt Fog Spray per ASTM B117 prepared by Environmental Testing Laboratory, Inc., Test Report No. 12732, dated 06/22/2013, signed by Brady Richard.

C. CALCULATIONS

- 1. Structural and anchor calculations prepared by Overhead Door Corporation, dated 06/26/2014, signed and sealed by Mark A. Sawicki, P.E.
- 2. Structural and anchor calculations prepared by Overhead Door Corporation, dated 01/28/2014, signed and sealed by Mark A. Sawicki, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

Product Control Examiner

NOA No. 14-0204.10

Expiration Date: December 4, 2019 Approval Date: December 4, 2014

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E. MATERIAL CERTIFICATIONS

- 1. Test report on flame spread and smoke developed of BASF polyurethane foam per ASTM E84, Test Report # RJ1980-3, dated 07/20/2012, prepared by QAI Laboratories, signed by Greg Banasky.
- 2. Test report on ignition temperature of BASF polyurethane foam per ASTM D1929, Test Report # 01.17794.01.304, dated 12/20/2012, prepared by Southwest Research Institute, signed by Matthew S. Blais.
- 3. Notice of Acceptance No. 12-0605.05 issued to Bayer MaterialScience LLC (MA) for its Makrolon Polycarbonate Sheets, approved on 12/06/2012 and expiring on 08/27/2017.

F. STATEMENTS

- 1. Statement letter of code conformance to 2010 FBC issued by Overhead Door Corporation, dated 01/24/2014, signed and sealed by Mark A. Sawicki, P.E.
- 2. Statement letter of no financial interest issued by Overhead Door Corporation, dated 01/24/2014, signed and sealed by Mark A. Sawicki, P.E.

11/24/2014

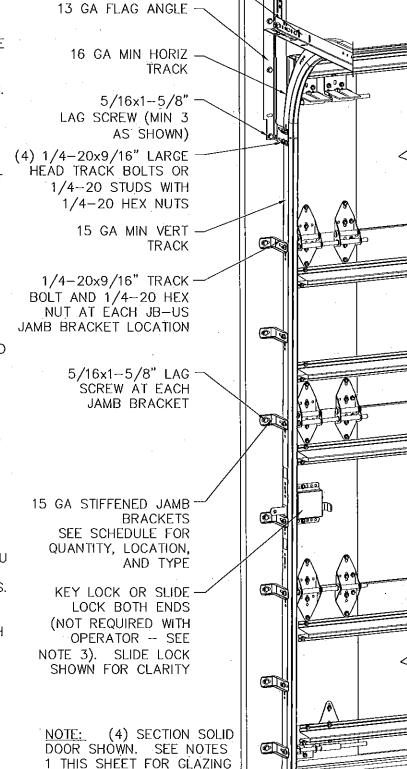
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 14-0204.10
Expiration Date: December 4, 2019

Approval Date: December 4, 2019

NOTES: 1. IMPACT RESISTANT GLAZING OPTION — IMPACT RESISTANT GLAZING SYSTEM MAY BE INSTALLED IN TOP OR INTERMEDIATE SECTION (WITH OR WITHOUT DECORATIVE INSERTS). GLAZING SHALL BE 1/4" POLYCARBONATE. MAXIMUM GLAZING DIMENSIONS SHALL BE 14" x 46" CUTOUT, FASTENED WITH A MINIMUM #8 X 1" SMS: 3X ALONG THE HORIZONTAL AND 3X ALONG THE VERTICAL. THE MINIMUM BITE SHALL BE .375". SEE DETAIL J ON SHEET 4 FOR ASSEMBLY DETAILS.

- 2. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.
- 3. KEY LOCK, SLIDE LOCKS, OR OPERATOR REQUIRED.
- 4. LOUVER OPTION LOUVERS MAY BE INSTALLED IN DOOR IF THE AREA OF EACH LOUVER DOES NOT EXCEED 60 IN². DOOR VENTS LARGER THAN 60 IN² MUST BE TESTED FOR IMPACT.
- 5. POLYURETHANE FOAM SHALL BE SANDWICHED BETWEEN FACER STEEL HAVING A MINIMUM 26 GA THICKNESS G-40 WITH PRIME COAT WITH A MINIMUM YIELD STRENGTH OF 46.8 KSI AND BACKER STEEL HAVING A MINIMUM 29 GA THICKNESS G-40 WITH PRIME COAT. OVERALL SECTION THICKNESS SHALL BE MINIMUM 1-5/16".
- 6. A 4-1/2" x 6" x 22 GA BACKER PLATE IS TO BE LOCATED AT EVERY INTERMEDIATE AND OUTER END HINGE LOCATION.
- 7. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.
- 8. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER.
- 9. FOR LOW HEAD ROOM LIFT CONDITIONS, TOP BRACKET SHALL BE A 13 GA LHR 7/4 TOP BRACKET WITH A MINIMUM OF (3) 1/4-14x7/8" SELF DRILLING CRIMPTITE SCREWS IN LIEU OF THE BRACKET SHOWN ON THIS DRAWING. U-BAR ON TOP SECTION SHALL BE INSTALLED ON TOP OF LHR TOP BRACKETS.
- 10. DOOR WITHOUT POST SYSTEM HAS BEEN TESTED TO WITHSTAND DESIGN PRESSURES CORRESPONDING TO A 75 MPH WIND SPEED (+/-14.40 PSF). POST SYSTEM SHALL BE INSTALLED WHEN WIND SPEEDS ARE EXPECTED TO EXCEED 75 MPH.

PASSONAL TO



OPTION.

13 GA HORIZ ANGLE

	Sl	JPERIM	POSED DE	SIGN PRESSURE					
	LO	ADS O	N SUPPOR	TING STRUCTURE					
,	MAX DOOR	MAX DOOR	UNIFORM LOAD EACH	POINT LOAD AT HEADER AND SLAB AT EACH POST					
	WIDTH	HEIGHT	JAMB (PLF)	LOCATION (LBS)					
	16'-2"	7'-0"	+139.4/-157.6	+1684.9/-1904.6					
		8'-0"	+139.4/-157.6	+1917.3/-2167.4					
	14'-2"	7'-0"	+122.2/-138.1	+1476.4/-1669.0					
	14-2	8'-0"	+122.2/-138.1	+1680.1/-1899.2					
	12'-2 ⁱ	7'-0"	+104.9/-118.6	+1277.0/-1433.4					
	12 -2	8'-0"	+104.9/-118.6	+1442.9/-1631.1					
	10'-2"	7'-0"	+128.1/-144.8	+1177.0/-1330.5					
		8'-0"	+128.1/-144.8	+1339.4/-1514.0					

			JAMB BRACKET SCHEDULE						
DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS \pm 2")						
6'-6"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/4" (JB-US)						
7'-0"	4	7	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 42" (JB-US), 52-1/2" (JB-US), 63-1/4" (JB-US)						
7'-6"	4 OR 5	8	2" (JB-US), 10" (JB-US), 18-3/4" (JB-US), 26-3/4" (JB-US), 36" (JB-US), 45" (JB-US), 54-1/4" (JB-US), 74-1/2" (JB-US)						
8'-0"	4 OR 5	8	2" (JB-US), 10" (JB-US), 21-3/4" (JB-US), 29-3/4" (JB-US), 39" (JB-US), 48" (JB-US), 57-1/2" (JB-US)						

NOTE:

(JB-US) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH $1/4-20 \times 9/16$ " TRACK BOLT AND NUT AS SHOWN ABOVE.

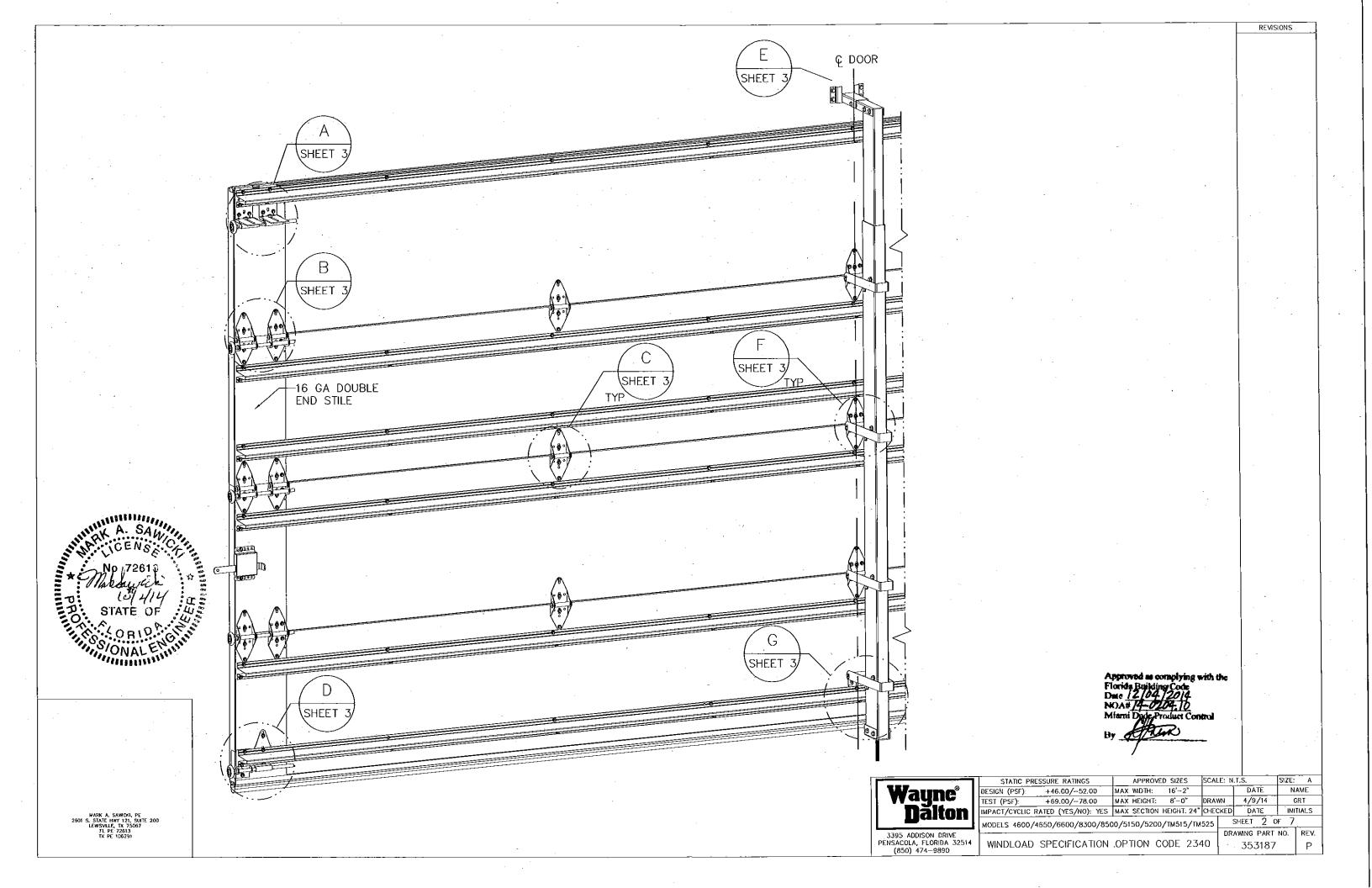
Approved as complying with the Florida Building Code
Date 12.104.120.14
NOA# 14.07.04.10
Minni Dade Product Control
By

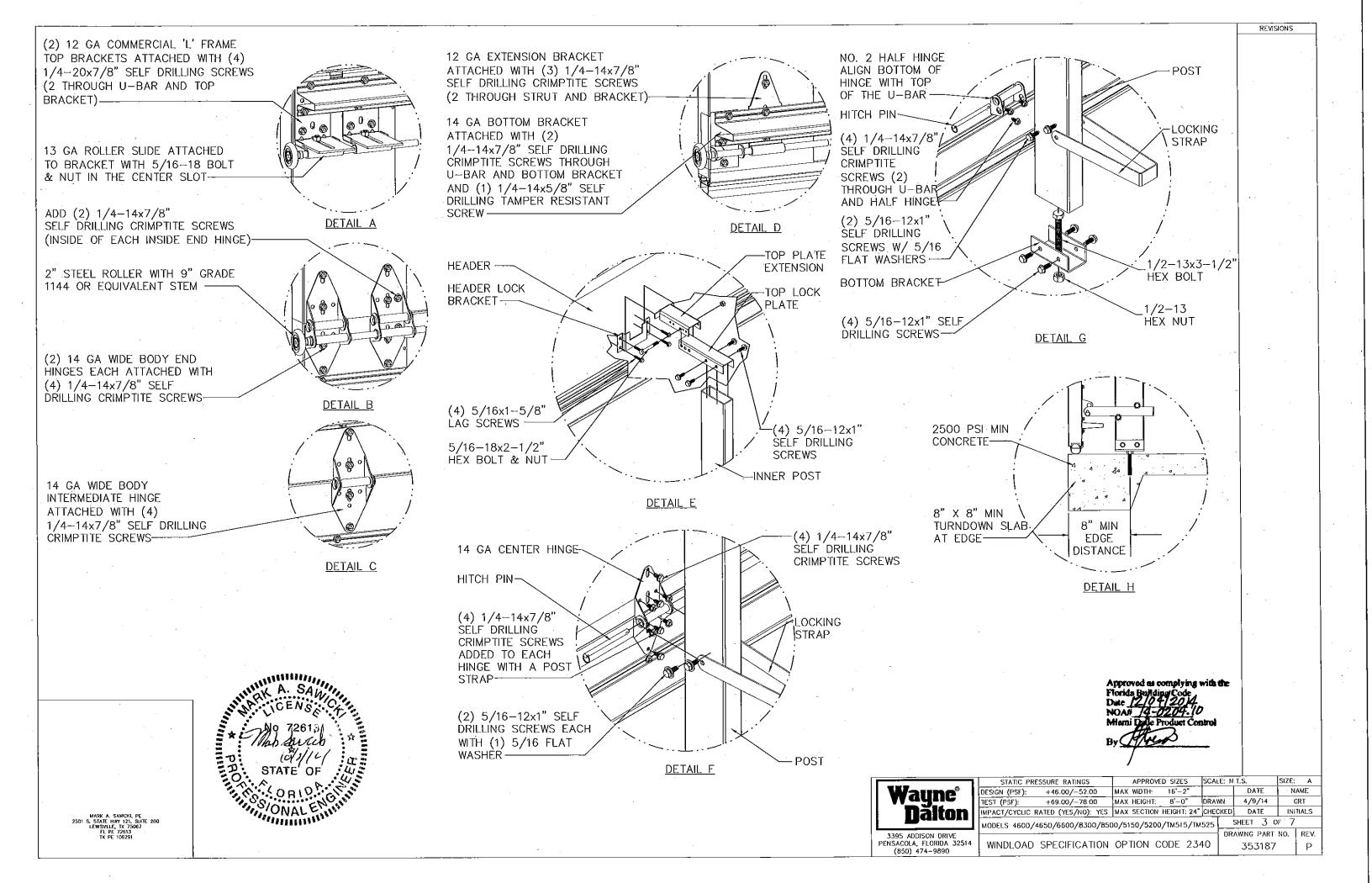
Wayne[®] Dalton

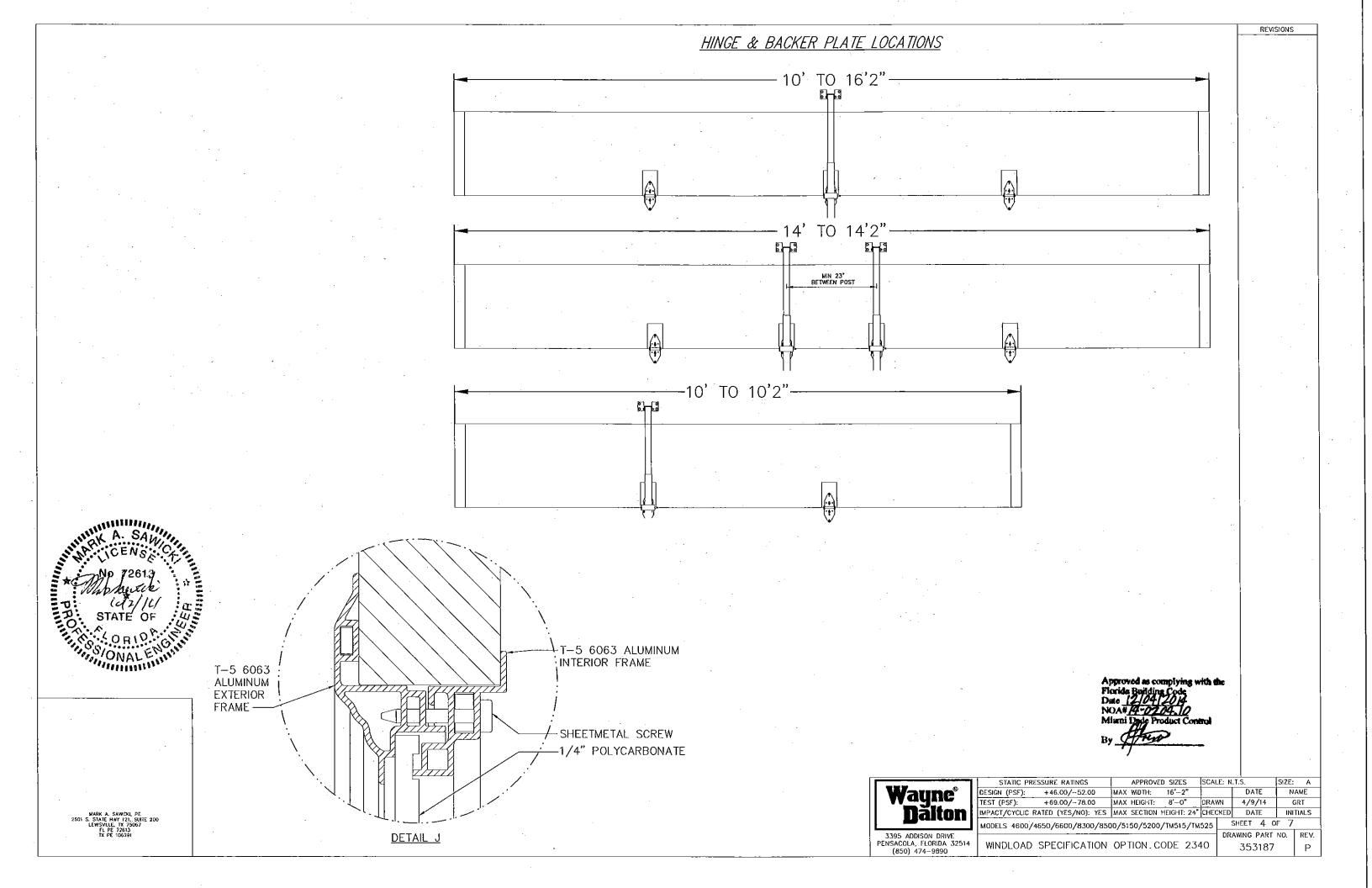
3395 ADDISON DRIVE PENSACOLA, FLORIDA 3251-(850) 474-9890

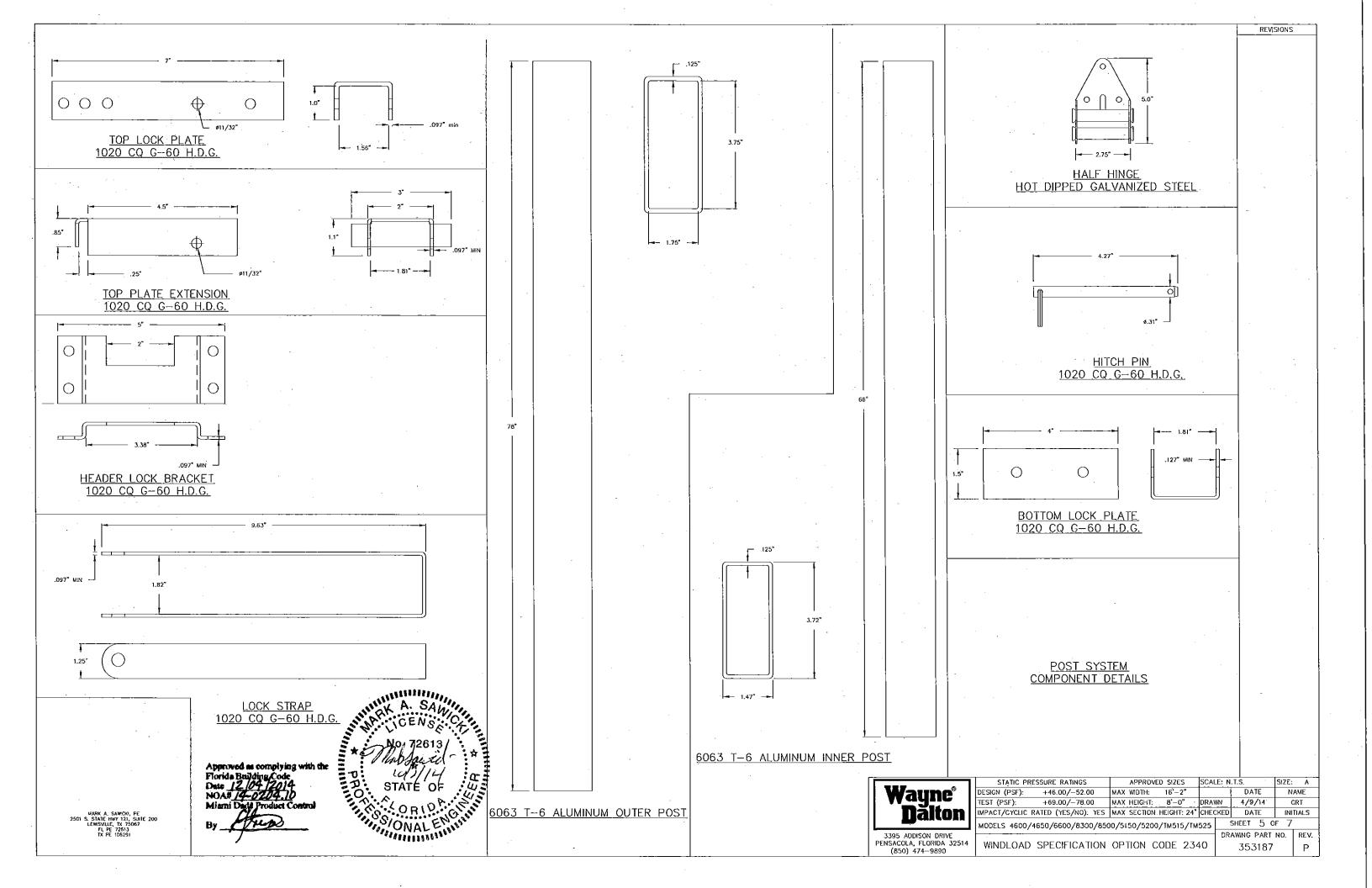
1	STATIC PRESSURE RATINGS			APPROVED SIZES			SCALE: N.T.S.			SIZE:	Α.
ı	DESIGN (PSF):	+46.00/-52.00	MAX	WDTH:	1	16'-2"			DATE	N	AME
ı	TEST (PSF):	+69.00/-78.00	MAX	HEIGHT	:	8'-0"	DRAW	4	4/9/14		GRT
ı	IMPACT/CYCLIC RATED (YES/NO): YES			SECTIO	N HE	IGHT: 24"	CHECH	ŒD	DATE	INITIALS	
j	MODELS 4600/4650/6600/8300/8500/5150/5200/TM515/TM525						525	SH	EET 1 C	F 7	
_	DRAWING PART							NO.	REV.		
ļ	WINDLOAD SPECIFICATION OPTION CODE 2340 353187									Р	
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MARK A. SAWOKI, PE 2501 S. STATE HWY 121, SUITE 200 LEWSVILLE, TX 75067 FL PE 72613

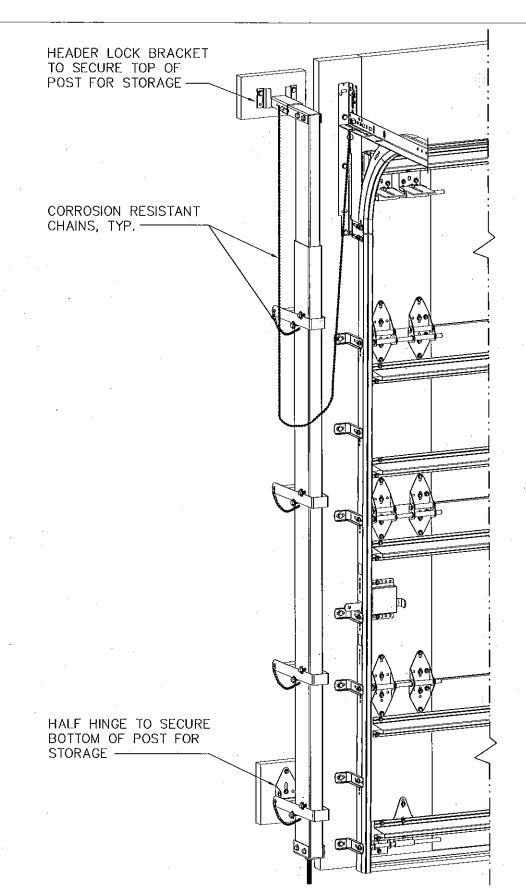












(5) SECTION DOORS WITH-

LOCATED AS SHOWN

ALL U-BARS SHALL BE

INTERMEDIATE HINGES. A

ATTACHED WITH (2)

1/4-14x7/8" SELF

DRILLING CRIMPTITE SCREWS AT EACH HINGE LOCATION AND BETWEEN ALL END HINGES AND

MINIMUM OF (14) FASTENERS ARE TO BE

USED.

(8) 3" 18 GA 80 KSI U-BARS

(4) SECTION DOORS WITH (6) 3" 18 GA 80 KSI U-BARS

LOCATED AS SHOWN

MAX SPACING OF AN	NCHORS/SCREWS PER JA	MB (IN)
HD SCREW ANCHOR TO MINIMUM 2000 PSI	3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI GROUT FILLED CMUNOTE 2	3/8" X 3" LONG LAG SCREW ^{NOTE 3}
24	24	24

1. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO CONCRETE WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4" AND A MINIMUM EDGE DISTANCE OF 2-3/4". 2. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO GROUT FILLED CMU WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4", A MINIMUM EDGE DISTANCE OF 4", AND A MINIMUM END DISTANCE OF 4". CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND GROUT SHALL CONFORM TO ASTM C476.

3. BASED ON 3/8" DIAMETER x 3" LONG LAG SCREWS WITH 1" O.D. WASHERS WITH A 1-9/32" THREAD PENETRATION INTO SEASONED DRY WOOD SUPPORTING STRUCTURE.

4. PROVIDE QUANTITY OF SCREW ANCHORS OR LAG SCREWS AS REQUIRED TO MAINTAIN MAXIMUM SPACING AS SHOWN IN TABLE WITH A MINIMUM OF THREE (3) SCREW ANCHORS OR LAG SCREWS PER JAMB. SCREW ANCHORS OR LAG SCREWS AT TOP AND BOTTOM OF JAMB SHALL BE PLACED A MAXIMUM OF 6" FROM THE END OF THE

5. LOAD PER JAMB CALCULATED TO BE A MAXIMUM OF +139.4/-157.6 LBS PER FOOT.

6. CHART INCLUDES A SAFETY FACTOR OF 4.

7. DOOR JAMB TO BE MINIMUM 2x6 NO. 3 SOUTHERN PINE LUMBER (MIN) MOUNTED DIRECTLY TO SUPPORT STRUCTURE.

8. DESIGN OF THE SUPPORT STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE LOADS LISTED IN NOTE 5.

9. SCREW ANCHORS OR LAG SCREWS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

POST SYSTEM STORAGE



Approved as complying with the

STATIC PRESSURE RATINGS			APPROVED SIZES SC				CALE: N.T.S.			
ESIGN (PSF):	+46.00/-52.00	MAX	MDTH:	16'-2"		. [DATE .	NAME		
EST (PSF):	+69.00/~78.00	MAX	HEIGHT:	8'-0"	DRAWN		4/9/14	GRT		
MPACT/CYCLIC RATED (YES/NO): YES		MAX	SECTION	HEIGHT: 24	CHEC	KED	DATE	INI	TIALS	
MODELS 4600/4650/6600/8300/8500/5150/5200/TM515/TM525 SHEET 6 OF 7										
					-	DRAW	ING PART	NO.	REV.	
WINDLOAD	SPECIFICATION	Ob.	TION C	ODE 234	10		353187		Р	

Dăltor

NOTE: POST SYSTEM SHALL BE STORED IN A CONVENIENT LOCATION AS CLOSE TO GARAGE DOOR AS POSSIBLE.

